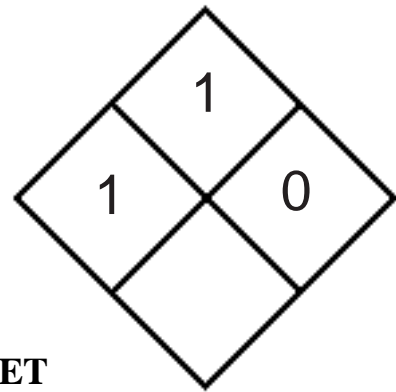




Ridge Tool Company
 400 Clark Street
 Elyria, Ohio 44036-2023, U.S.A.



MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT INFORMATION				
PRODUCT NAME: RIDGID WATER-WASHABLE THREAD CUTTING OIL		EMERGENCY TELEPHONE NUMBER: (440) 323-5581		
CHEMICAL FAMILY:		TELEPHONE NUMBER FOR INFORMATION: (800) 519-3456		
DOT PROPER SHIPPING NAME: NOT A REGULATED MATERIAL BY DOT/IMO		DATE PREPARED: OCTOBER 25, 2000		
SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION				
HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	%
Propylene Glycol	57-55-6	No Info	8hrTWA:50 PPM	< 55%
Triethanolamine	102-71-6		5mg/m ³ TWA	< 10%
Glycol ethers	--	No Info	No Info	< 5%
Hexylene Glycol	107-41-5	25 PPM	25 PPM	< 5%
Phosphate ester mixture	mixture	No Info	No Info	< 10%
This product contains one or more materials subject to the reporting requirements of Section 313 of the Emergency Planning and the Community Right-to-Know Acts of 1986 and of 40 CFR 372.				
SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS				
Boiling Point:	Unknown	Product Density	1.06	
Volatile by weight	<0.1%	Solubility in Water:	Soluble	
Volatile by volume	<0.1%	Evaporation Rate (Butyl Acetate = 1)	-	
APPEARANCE AND ODOR: Clear yellow-orange.				
SECTION IV - FIRE AND EXPLOSION HAZARD DATA				
Flash Point: (Method Used) 205°F COC		Flammable Limits:	LEL: N.A.	UEL: N.A.
Extinguishing Media: Foam, water spray, dry chemical or carbon dioxide fire extinguishers may be used in the area it is stored.				
Special Fire Fighting Procedures: Emergency responders in the danger area should wear bunker gear and self-contained breathing apparatus for fires beyond incipient stage.				
Unusual Fire and Explosion Hazards: None.				
SECTION V - REACTIVITY DATA				
Stability	Unstable		Conditions to Avoid:	
	Stable	X		
Incompatibility: (Materials to Avoid) Avoid contact with strong acids and organic oxidizers.				
Hazardous Decomposition or Byproducts: Oxides of phosphorous, ammonia, oxides of nitrogen and oxides of carbon.				
Hazardous Polymerization	May Occur		Conditions to Avoid: Avoid extended heating at high temperatures	
	Will not Occur	X		

SECTION VI - HEALTH HAZARD DATA			
Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	X	X	X
Health Hazards: (Acute and Chronic)			
Carcinogenicity: None of the ingredients are known or suspected carcinogens.			
Signs and Symptoms of Exposure: May cause mild eye irritation and redness. May cause mild skin irritation and redness. Ingestion may result in gastrointestinal irritation, nausea, vomiting and diarrhea. Overexposure to vapors, mist or fumes may result in upper respiratory tract irritation and difficulty breathing.			
Medical Conditions Generally Aggravated by Exposure: None known.			
Emergency and First Aid Procedures: <i>Inhalation:</i> Move to fresh air. Contact physician if any type of irritation or discomfort persists. <i>Ingestion:</i> Do not induce vomiting. Dilute by giving at least two glasses of milk or water to a conscious person. Call a physician. <i>Skin:</i> Wash area with large amount of soap and water. <i>Eyes:</i> Flush with clean water for at least 15 minutes.			
SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE.			
Steps to be Taken in Case Material is Released or Spilled: Small spills: Soak up with absorbent material. Large spills: Soak up spill and pump into drums for proper disposal.			
Waste Disposal Method: Dispose of in accordance with all Local, State and Federal regulations. Avoid contamination of sewers and water ways.			
Precautions to be Taken in Handling and Storing: Store inside away from extreme temperatures. Empty drums and containers may contain product residue. All safety precautions taken when handling this product should also be taken when handling empty drums and containers.			
Other Precautions: Do not add nitrites. This product contains amines which may react with nitrosating agents to form nitrosamines. Provide adequate ventilation to protect against exposure to ethylene oxide which may collect in head spaces of containers.			
SECTION VIII – CONTROL MEASURES			
Respiratory Protection (Specify Type): None normally needed since volatility is low. If vapors, mists or aerosols are generated and if PEL/TLV's are assigned and exceeded, wear proper MSHA/NIOSH approved respirator.			
Ventilation: Provide adequate ventilation (such as general dilution) to assure PEL/TLV's are not exceeded when PEL/TLV's have been assigned.			
Protective Gloves: Gloves not normally needed. Wear oil impervious gloves such as nitrite or rubber if health effects are experienced.		Eye Protection: Wear chemical safety glasses or goggles	
Other Protective Clothing or Equipment: If subject to repeated or prolonged soaking or splashing, recommend impervious clothing/boots to prevent such contact.			
Work/Hygienic Practices: Follow standard industrial hygiene practices.			
SECTION IX – REGULATORY INFORMATION			
TSCA: Components listed on TSCA inventory.			
Sara Title III: Contains gycloy ether which is subject to reporting requirements of Section 313.			
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